



DATA GOVERNANCE:
INNOVATIONS AND COLLABORATIONS
IN RESPONSE TO THE PANDEMIC

INDEPENDENT EVIDENCE-BASED SUPPORT TO THE PRESIDENT AND THE INTER- AGENCY TASK FORCE

Guido David, Ph.D., Ranjit Rye



Globe **BUSINESS**

Key Indicators:

- Reproduction Number
- Healthcare Utilization Rate (HCUR)
- Positivity Rate
- Risk Assessment
- Projections (New Cases, Hospitalization)
- Average Daily Attack Rate (ADAR)
- Vaccination Roadmap
- Policy Recommendations

Why work independently?

- To remain unbiased, non partisan
- Provides more credibility
- Fosters transparency by allowing ourselves to be scrutinized

Role of a Science Communicator

- Communicate scientific findings relevant to current events in a manner that can be understood by the public, media and government
- Advise the government on the public on science based courses of action during the pandemic
- Come up with key insights and findings that are relevant for policy and decision making
- Represent the scientific and academic community

Summary

COVID-19 FORECASTS IN THE PHILIPPINES

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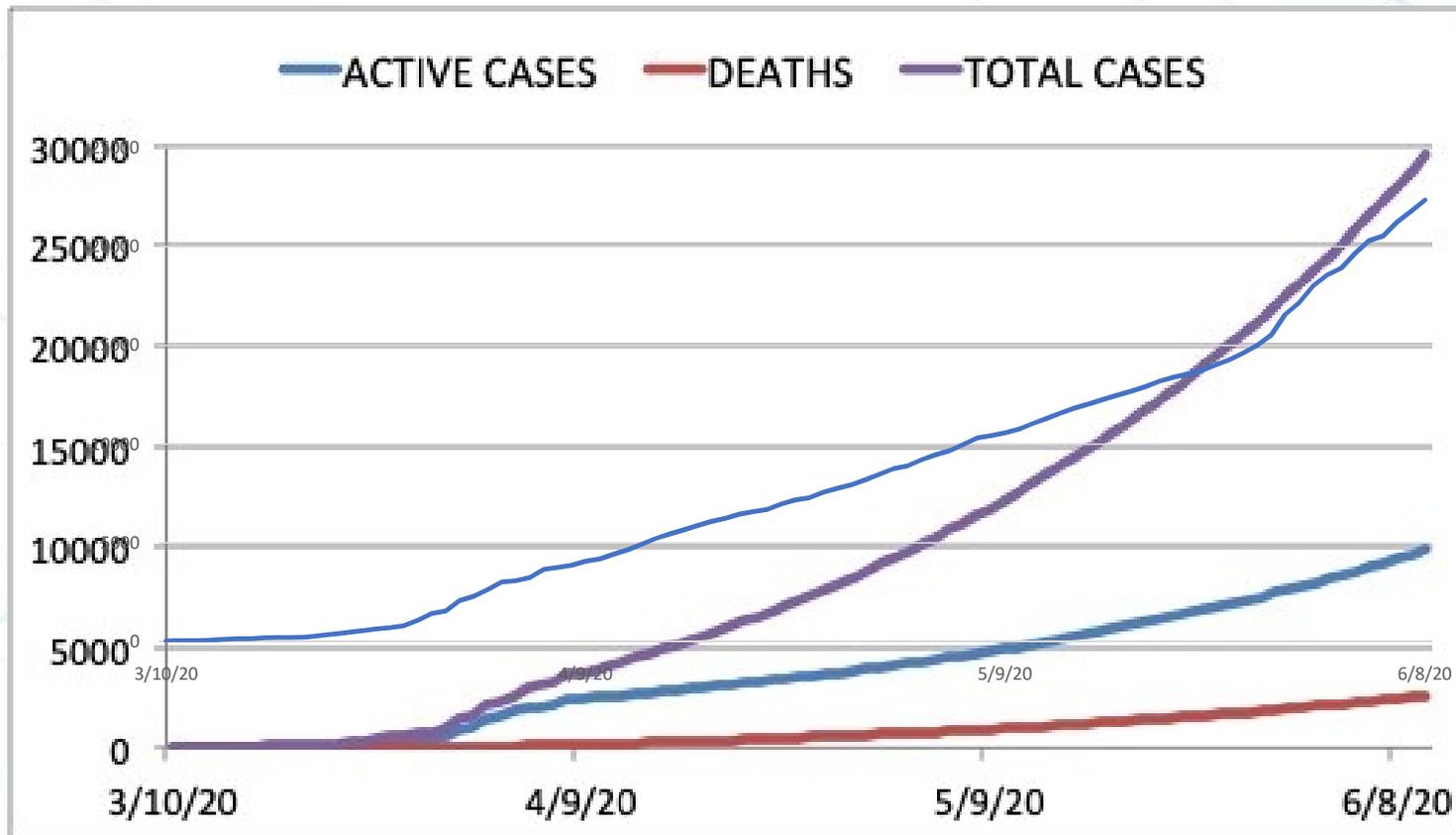
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BACKGROUND

In the Philippines, the first case of Covid-19 was reported on January 30, 2020. Since then, the number of cases has soared to more than 3,000, amidst lockdown and quarantine measures implemented by the government. There are some challenges in the pandemic in the Philippines, and these include the lack of health facilities,



OCTA Monitoring Report



March 1, 2021

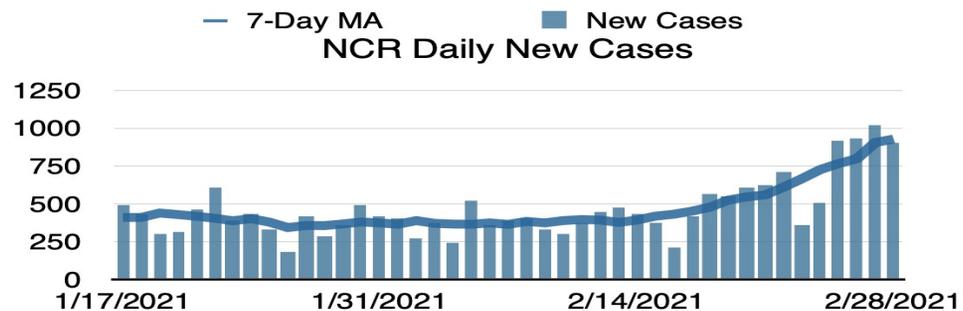
PHILIPPINE COVID-19 UPDATE

by: OCTA RESEARCH

OCTA Research Team

The OCTA team is an independent and interdisciplinary research group composed primarily of University of the Philippines faculty members and alumni. This independent research team also includes contributors from University of Santo Tomas and Providence College, USA.

The findings and recommendations in the report are those of the authors and do not reflect the official position of the University of the Philippines.

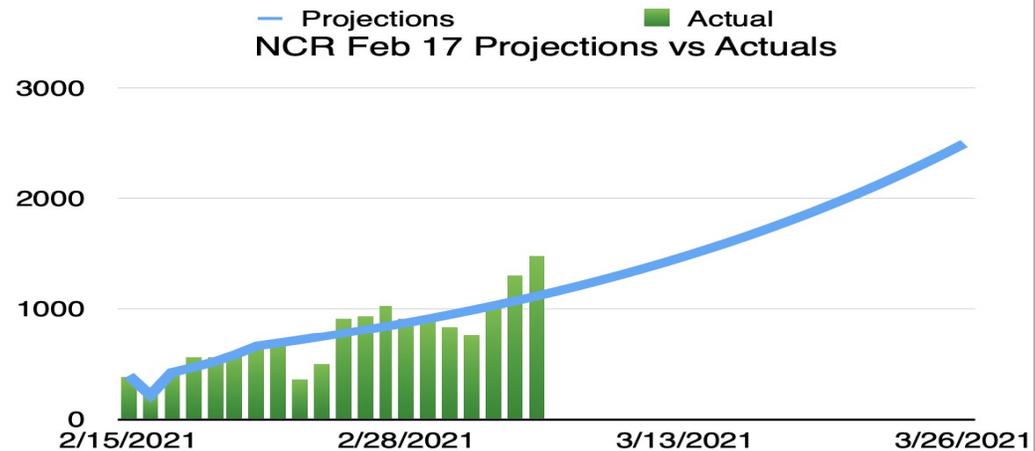


Surge in New Cases in NCR

The surge in new Covid-19 cases in the NCR is now a serious cause of concern. The reproduction number in NCR increased to $R_t = 1.5$ (see chart below) as the region registered 1,022 new Covid-19 cases on February 27, the

In the chart on the right, we plot the projections made on February 17, given by the blue line, on top of the actual number of cases reported in NCR to date, denoted by the green columns. Remarks:

1. Although the shift to MGCQ in NCR was not approved, quarantine restrictions were eased.
2. The rise in new cases in NCR began around that time, as can be observed in the chart.
3. The projections made on February 17 have so far approximately matched the actual number of daily new cases reported by DOH.
4. The reproduction number in NCR has increased to $R_t = 1.66$ as of March 6, nearly the same value of $R_t = 1.6$ used in the February 17 projections.
5. Under the current trends, NCR is projected to have around 2,400 new cases per day by March 26, which also matches the projections made on February 17.





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THANK YOU!



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